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## PATENT ABSTRACTS OF JAPAN

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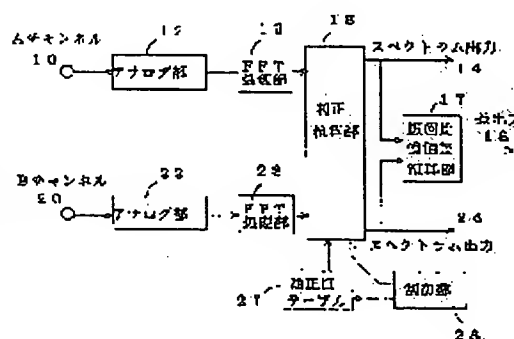
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(54) MEASURED VALUE CORRECTOR FOR DIGITAL SPECTRUM ANALYZER

(57)Abstract:

**PURPOSE:** To achieve a frequency correction and a phase correction of a gain automatically at a high accuracy by arranging a correction value data to store a correction factor, a correction computing section or the like to perform a computation for correcting a measured value.

**CONSTITUTION:** External input signals of channels A and B are converted into digital with analog sections 12 and 22 and then, to a gain at each frequency and a phase data with fast Fourier transform processing sections 13 and 23. The resulting outputs undergo an arithmetic processing for correction with a correction computing section 16 by taking out a correction data corresponding to respective frequencies from a correction value table 27 where correction factors are stored and then, a spectrum signal is outputted. In a dual channel operation, a transfer function is determined by calculation of (spectrum of channel A)/spectrum of channel B. Thus, spectrum signal outputs of the two channels A and B are applied to an amplitude ratio phase difference computing section 17 to compute the transfer function between the channels A and B and a signal is outputted externally.



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